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EXPEDITED PROCEDURE
EXAMINING GROUP 1646

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Turner Jr. *et al.* (As Amended)	Group Art Unit:	1646
Application No.:	09/918,359	Examiner:	J. Murphy
Filed:	07/30/2001		
		Atty. Docket No.:	LEX-0208-USA

Title: Human Ion Channel Proteins and Polynucleotides Encoding the Same (As Amended)

RESPONSE TO OFFICE ACTION DATED MAY 30, 2003

Mail Stop AF
Commissioner for Patents
Alexandria, VA 22313

Sir:

Applicants acknowledge the receipt of the Office Action ("the Action") mailed on May 30, 2003 (Paper No. 11), which has been carefully reviewed and studied. Reexamination and reconsideration of the application is requested in view of the following remarks. In order to facilitate the Examiner's evaluation of the application, Applicants have attempted to address the rejections in Paper No. 11 in the same order in which they were originally raised.

The response is due on August 30, 2003, which falls on a Saturday and is therefore extended until Monday, September 1, 2003, which falls on a Federal holiday and is therefore extended until Tuesday, September 2, 2003 under 37 C.F.R. § 1.7. The response is thus timely filed, and Applicants believe no fees are due in connection with this response. However, the Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 50-0892.

RESPONSE

I. Status of the Claims

No claims have been cancelled. No claims have been amended. No new claims have been

☐ 1: AP003071. Homo sapiens geno...[gi:22202827]

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LOCUS       AP003071               191898 bp    DNA     linear   PRI 10-AUG-2002
DEFINITION  Homo sapiens genomic DNA, chromosome 11 clone:RP11-554A11, complete
            sequence.
ACCESSION   AP003071
VERSION     AP003071.3  GI:22202827
KEYWORDS    HTG.
SOURCE      Homo sapiens (human)
  ORGANISM  Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
  AUTHORS   Hattori,M., Ishii,K., Toyoda,A., Taylor,T.D., Hong-Seog,P.,
            Fujiyama,A., Yada,T., Totoki,Y., Watanabe,H. and Sakaki,Y.
  TITLE     Homo sapiens genomic DNA
  JOURNAL   Published Only in Database (2001)
REFERENCE   2  (bases 1 to 191898)
  AUTHORS   Hattori,M., Ishii,K., Toyoda,A., Taylor,T.D., Hong-Seog,P.,
            Fujiyama,A., Yada,T., Totoki,Y., Watanabe,H. and Sakaki,Y.
  TITLE     Direct Submission
  JOURNAL   Submitted (28-DEC-2000) Masahira Hattori, The Institute of Physical
            and Chemical Research (RIKEN), Genomic Sciences Center (GSC);
            1-7-22 Suehiro-chou,Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
            (E-mail:hattori@gsc.riken.go.jp, URL:http://hgp.gsc.riken.go.jp/,
            Tel:81-45-503-9111, Fax:81-45-503-9170)
COMMENT     On Aug 9, 2002 this sequence version replaced gi:21327964.
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1: AY029200. Homo sapiens two-...[gi:20384653] Links

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LOCUS       AY029200                2939 bp    mRNA    linear   PRI 01-MAY-2002
DEFINITION  Homo sapiens two-pore calcium channel protein 2 mRNA, complete cds.
ACCESSION   AY029200
VERSION     AY029200.1  GI:20384653
KEYWORDS    .
SOURCE      Homo sapiens (human)
  ORGANISM  Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1  (bases 1 to 2939)
  AUTHORS   Zhu,M.X.
  TITLE     Molecular cloning of a novel two-pore calcium channel protein
  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 2939)
  AUTHORS   Zhu,M.X.
  TITLE     Direct Submission
  JOURNAL   Submitted (03-APR-2001) Neurobiotechnology Center, The Ohio State
            University, 168 Rightmire Hall, 1060 Carmack Road, Columbus, OH
            43210, USA
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